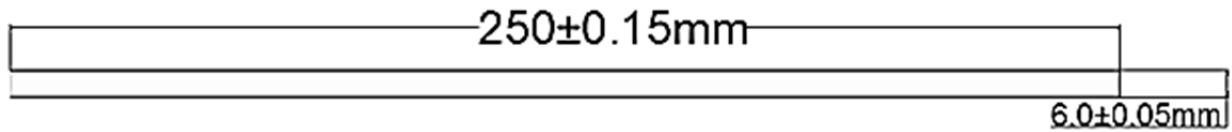




**American Opto Plus LED Corp.**  
**AOP-C250MUED-12**  
**10" Red High Power COB LED Strip**

**PACKAGE OUTLINES**

Top View



Side View





# American Opto Plus LED Corp.

## AOP-C250MUED-12

### 10" Red High Power COB LED Strip

#### ABSOLUTE MAXIMUM RATINGS

(Ta=25°C)

Parameter	Symbol	Value	Unit
DC Forward Current	I <sub>F</sub>	1000	mA
Power Dissipation	P <sub>d</sub>	12	W
Junction Temperature	T <sub>j</sub>	125	°C
Operating Temperature	T <sub>OPR</sub>	-40 ~ +85	°C
Storage Temperature	T <sub>STG</sub>	-40 ~ +100	°C
ESD Sensitivity	--	±2,000V HBM	--

#### OPTICAL-ELECTRICAL CHARACTERISTICS

(Ta=25°C)

Parameter	Symbol	Test Condition	Min	Typ	Max	Unit
Luminous Flux	∅V	IF=500mA	380	400	--	lm

Note: Tolerance of luminous flux is ±10%



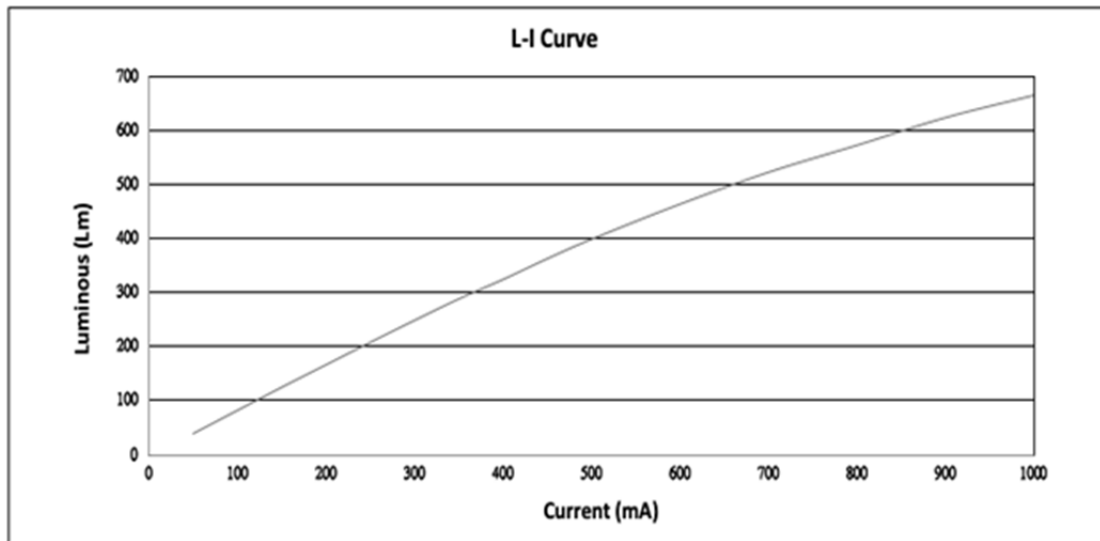
# American Opto Plus LED Corp.

## AOP-C250MUED-12

### 10" Red High Power COB LED Strip

#### ELECTRICAL-OPTICAL CHARACTERISTICS

#### Typical Relative Luminous Flux vs. Forward Current @ $T_b = 25^\circ\text{C}$



#### Typical Voltage vs. Forward Current @ $T_b = 25^\circ\text{C}$

